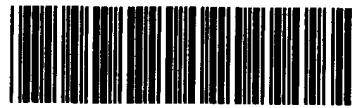


RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/052,589A
Source: 1Fly16
Date Processed by STIC: 11/18/04

ENTERED



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/052,589A

DATE: 11/18/2004

TIME: 09:40:53

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3 <110> APPLICANT: Perez, Dianne M.
 4 Zuscik, Michael J.
 6 <120> TITLE OF INVENTION: Model systems for neurodegenerative and cardiovascular disorders
 8 <130> FILE REFERENCE: 26473/04200
 10 <140> CURRENT APPLICATION NUMBER: US 10/052,589A
 11 <141> CURRENT FILING DATE: 2002-01-18
 13 <150> PRIOR APPLICATION NUMBER: US 09/568,255
 14 <151> PRIOR FILING DATE: 2000-05-10
 16 <160> NUMBER OF SEQ ID NOS: 3
 18 <170> SOFTWARE: PatentIn version 3.1
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 2102
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Mesocricetus sp.
 25 <220> FEATURE:
 26 <221> NAME/KEY: CDS
 27 <222> LOCATION: (15)...(1559)
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55	ctg	ttg	agt	ttc	aca	gtc	ctg	ccc	ttc	tcc	gct	acc	cta	gaa	gtg	ctt	338
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75 tcc acg gtc atc tcc atc ggg cct ctc ctt gga tgg aaa gaa cca gcg	578
76 Ser Thr Val Ile Ser Ile Gly Pro Leu Leu Gly Trp Lys Glu Pro Ala	
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96 Leu Arg Ile His Ser Lys Asn Phe His Glu Asp Thr Leu Ser Ser Thr	
97 255 260 265	
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103 aag ttc tcc agg gaa aag aaa gca gcc aaa acc ttg ggc att gtg gtc	914
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107 gga atg ttc atc ttg tgt tgg ctc ccc ttc atc gct ctc cca ctt	962
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113 320 325 330	
115 gta ttc tgg ctg ggc tac ttc aac agc tgc ctc aac ccc atc atc tac	1058
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132 Arg Ser Gln Ser Arg Lys Asp Ser Leu Asp Asp Ser Gly Ser Cys Met			
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135 agt ggc agc cag agg acc ctg ccc tcg gcg tcg ccc agc ccg ggc tac			1298
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137 415	420	425	
139 ctg ggt cgc gga gcg cag cca cca ctg gag ctg tgc gcc tac ccc gaa			1346
140 Leu Gly Arg Gly Ala Gln Pro Pro Leu Glu Leu Cys Ala Tyr Pro Glu			
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144 Trp Lys Ser Gly Ala Leu Leu Ser Leu Pro Glu Pro Pro Gly Arg Arg			
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148 Gly Arg Leu Asp Ser Gly Pro Leu Phe Thr Phe Lys Leu Leu Gly Glu			
149 465	470	475	
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152 Pro Glu Ser Pro Gly Thr Glu Gly Asp Ala Ser Asn Gly Gly Cys Asp			
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155 gca acg acc gac ctg gcc aat ggg cag ccc ggt ttc aag agc aac atg			1538
156 Ala Thr Thr Asp Leu Ala Asn Gly Gln Pro Gly Phe Lys Ser Asn Met			
157 495	500	505	
159 cct ctg gca ccc ggg cac ttt tagggccct tttctttccc ccacacacac			1589
160 Pro Leu Ala Pro Gly His Phe			
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163 cccagggggg aggacacccat tggggggggc gggggcatgg gggggaggtgt cagccccggg			1649
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201 Gly Leu Val Leu Gly Ala Phe Ile Leu Phe Ala Ile Val Gly Asn Ile			
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217	Leu	Gly	Arg	Ile	Phe	Cys	Asp	Ile	Trp	Ala	Ala	Val	Asp	Val	Leu	Cys
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221	Cys	Thr	Ala	Ser	Ile	Leu	Ser	Leu	Cys	Ala	Ile	Ser	Ile	Asp	Arg	Tyr
222																140
225	Ile	Gly	Val	Arg	Tyr	Ser	Leu	Gln	Tyr	Pro	Thr	Leu	Val	Thr	Arg	Arg
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230																175
233	Ser	Ile	Gly	Pro	Leu	Leu	Gly	Trp	Lys	Glu	Pro	Ala	Pro	Asn	Asp	Asp
234																190
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278																365
281	Ser	Gly	Arg	Leu	Gly	Ala	Cys	Ala	Tyr							
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VERIFICATION SUMMARY

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